

ML Android File Navigation Guideline

1. Gradle Scripts

- Gradle Project file
- Location: D:\ML_17\build.gradle
 - Description: Automatically created when developing the app, contains dependencies, and allows updating dependencies.
- Gradle App file
- Location: D:\ML_17\app\build.gradle
 - Description: Contains main dependency files, Android versions, and libraries used in the project.

2. App

- Manifest
- Location: D:\ML_17\app\src\main\AndroidManifest.xml
 - Description: Contains app metadata such as icon, app name, package name, manifest, and permissions.
- Java files / Kotlin files
- Location: D:\ML_17\app\src\main\java\org\tensorflow\lite\examples\objectdetection
- Description: Contains the main files of the Android app, implementing the backend work using Kotlin language.
- Main activity
- Location: D:\ML_17\app\src\main\java\org\tensorflow\lite\examples\objectdetection\MainActivity.kt
 - Description: Associated with the XML file (frontend file) called activity_main. Declares variables, includes logic for automatic switching, creates log files, and fetches battery usage, battery level, and CPU usage.
- Assets
- Location:
 - D:\ML_17\app\src\androidTest\assets
- D:\ML_17\app\src\main\assets
 - Description: Stores .tflite or YOLO versions such as MobileNet and EfficientDet versions for this app
- Res folder
- Location: D:\ML_17\app\src\main\res
 - Description: Contains all design files, color files, layouts, icons, navigation, and mipmaps.

Please note that the provided file paths are for reference and may vary based on your actual project structure.